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FEB 0 2 2004

PATENT Docket No. SPLX.P0012

# OFFICE OF PETITIONS

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

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Mani Adeli

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Steven Teig

Serial No.:

09/737,245

Filing Date:

12/13/00

For:

METHOD AND APPARATUS FOR

USING CONNECTION GRAPHS WITH POTENTIAL DIAGONAL EDGES TO

MODEL INTERCONNECT

TOPOLOGIES DURING PLACEMENT

Examiner: Thuan Do

Group Art Unit: 2825

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### TRANSMITTAL LETTER FOR RESPONSE TO AN OFFICE ACTION

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

In complete response to the Office Action dated 12/4/02, attached please find:

- 1. An Amendment to the Office Action;
- 2. A Return Receipt Post Card.
- 3. A Credit Card Payment Form is attached.

The fee has been calculated as follows:

FOR	NUMBER	NUMBER OVER ALLOTMENT	RATE	CALCULATIONS
ADDED CLAIMS	9	9	x \$18.00	\$162.00
ADDED INDEPENDENT CLAIMS	1	1	x \$84.00	\$84.00
· · · · · · · · · · · · · · · · · · ·		*****		TOTAL =\$246.00

The Assistant Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this transmittal and associated documents, or to credit any overpayment to **Deposit Account No. 50-1128** referencing docket number: SPLX.P0012.

Dated: March 4, 2003\_

Respectfully submitted,

By:

Registration No. 39,585

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#### **GENTIFICATE OF MAILING BY "FIRST CLASS MAIL"**

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Mani Adeli

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application for:

Steven Teig et al.

Serial No.: 09/737,245

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For: METHOD AND APPARATUS FOR USING CONNECTION GRAPHS WITH POTENTIAL DIAGONAL EDGES TO MODEL INTERCONNECT TOPOLOGIES DURING

PLACEMENT

03/12/2003 HLE333 00000117 09737245

01 FC:1201 02 FC:1202 84.00 OP 162.00 OP

AMENDMENT

Assistant Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

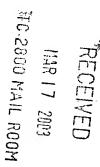
Examiner: Thuan Do

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OFFICE OF PETITIONS



In response to the Office Action dated December 4, 2002, please amend the patent application as follows:

#### IN THE SPECIFICATION

Please replace the paragraph on page 11, lines 5-6 in the specification with the following amended paragraph.

--Figure 10, which is presented on two separate sheets labeled Figure 10A and 10B, illustrates a process for generating a wirelength estimate according to a bounding-box method of the invention.--

Please replace the paragraph on page 11, lines 8-9 in the specification with the following